

Application Serial No. 09/478,849
Amendment Dated 15 May 2004
Response to Office Action of 18 November 2003

Docket No. CIC-037-US

In the Specification:

Please replace the paragraph beginning on column/page 8, line 41 with the following:

Finally, the present invention is best practiced by employing an aberration reversing means which most closely provides the full properties of phase conjugation as described above. Several reflective and scattering surfaces and structures have been mentioned to at least partially provide such properties. Of particular benefit however, is the use of a concave surface with an additional structure placed thereon. For example, a Fresnel lens structure may be formed on a concave surface. Such a hybrid optical element is particularly useful because while the surface contour can be adjusted to match the field curvature of the intermediate image, the Fresnel structure can be designed to reflect the incident light to concentrate that light into the [aperture of the eye lens] exit pupil. Typically, Fresnel lenses are not employed in high quality imaging systems because of the diffraction and/or gross image artifacts created by the Fresnel structure. However, since the Fresnel structure is located at the image surface in accordance with the present invention, the structure may be made especially fine with relatively little regard for diffraction effects. Further, unlike a conventional scattering screen, such a hybrid device may be displaced slightly from the intermediate image without forcing the final image out of focus, providing yet another degree of freedom for the optical designer.